



SLPA SERIES

Super Low Profile Air or Water Cooled Evaporator Unit

SYSTEM INFORMATION

Super Low-Profile Air (SLPA) Systems are powerful and efficient with low noise. These units use a sleek housing to maximize capacity and airflow throughout medium to large spaces. Quiet and reliable the SLPA is an excellent option for sensitive environments where humidity and temperature must be stable and controlled.

Available in capacities from 6,600 to 22,000 BTU per hour are used with various direct expansion refrigerants. 230v available by order.

FEATURES

- ETL Certified
- Hinged drain pan for easy maintenance
- Aluminum Cabinet is rust proof. Stainless Steel cabinets are available for harsh environments
- Universal AXV and liquid line solenoid valve installed standard
- High performance staggered coils
- Electrical panel is pre-wired using screw type terminal blocks
- Ultra-efficient ECM motors
- Pre-installed valves eliminate additional wiring
- Coil is coated with water-based epoxy to reduce corrosion

OPTIONS

- Reverse air flow for special applications
- Pre-charged custom units can be made to order
- Stainless steel cabinets for high-corrosive environments

Due to continuing engineering improvements, specifications are subject to change without notice.

*BTUH is an estimated range based on specific operational criteria.

*Individual component part numbers are different than a system assembly number.

*Max Cubic Footage is an estimation assuming No glass, R13 insulation or more, interior ambient temperature of 80° or less, exterior ambient temperature of 95° or less.



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SLPA SERIES FAN COIL SPECIFICATIONS

MODEL	CFM	AMPS 115 V	LENGTH	WIDTH	HEIGHT	LIQUID	SUCTION	DRAIN	APPROX SHIP WT.
SLPA26-62	556	1.2	47 1/4"	23 5/8"	23 5/8"	1/2"	7/8"	3/4"	53 lbs
SLPA36-95	834	1.8	64 1/4"	32 1/8"	32 1/8"	1/2"	7/8"	3/4"	80 lbs
SLPA46-128	1112	2.4	81 1/4"	40 5/8"	35 13/16"	1/2"	1 1/8"	3/4"	106 lbs
SLPA56-162	1390	3.0	98 1/4"	49 1/8"	35 13/16"	1/2"	1 1/8"	3/4"	133 lbs
SLPA66-200	1668	3.6	115 1/4"	57 5/8"	53 1/4"	1/2"	1 1/8"	3/4"	159 lbs

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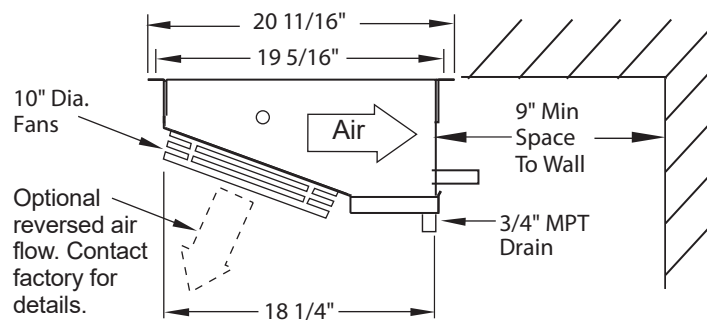
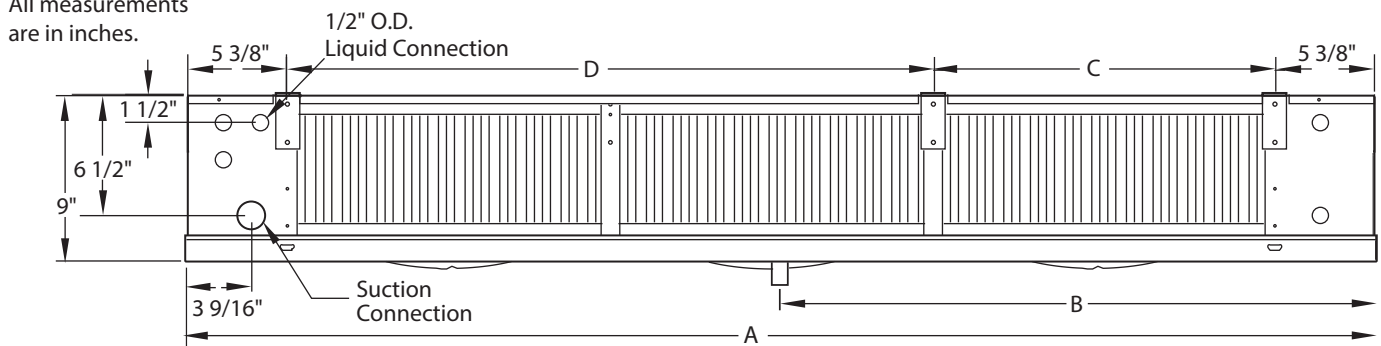
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MOUNTING DIAGRAMS

All measurements are in inches.



Our website has a Wine Room Capacity Calculator that instantly determines room loads and capacities, enabling you to know cooling equipment requirements based on your exact specifications. Visit LRCCoil.com for details.

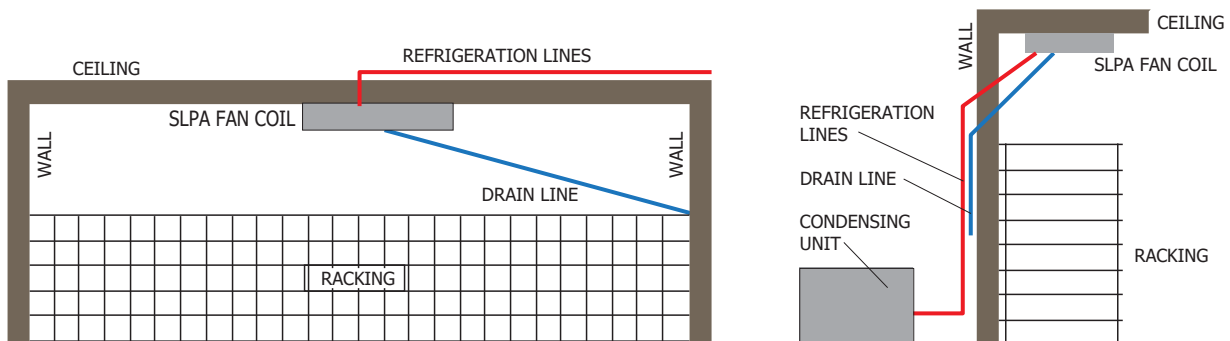
Our Application Engineers can help you design the system you need. Call us today, 562-944-1969, and we'll help you get the right LRC product for your project.

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SLPA COOLING SYSTEM TYPICAL INSTALLATION

- Always plan for future maintenance and service. Units should have easy access or access panels. Grills, boxes, or racking nearest the evaporators should be removable.
- Standard Line Sets should be 50' or less. Over 50' and oil separator and suction line accumulator is required. Extended runs may require larger line sizes and 3 oz of oil must be added for every 10' feet over 35'. Insulate suction line, liquid line insulation is optional.
- Excessive number of turns in line set will cause refrigerant flow problems. This could cause early compressor failure. Suction line accumulators are recommended on all applications. Required if working lower than the normal 55°-65°F operating range from wine cellar.
- Drain line must flow with gravity to drain or pump
- The system is controlled by a pump down control system. There is no control wiring between thermostat and condensing unit.
- The line connections at Fan Coil and Condensing Unit may not be the same as the required line sizes dictated for the system capacity.
- BTUH Capacity calculated at 17° TD, 38° ST, 55° Room
- The use of oversized condensing units can lead to poor wine room evaporator performance and possible system failure. When installing our wine room evaporator, it is recommended that condensing units be sized less than or equal to the evaporator capacity.
- USCS Cooling units are designed to minimize noise and vibration. To reduce and eliminate amplification of existing noise or vibration, extreme care must be taken during installation to identify contributing factors in the environment. Please refer to supplied installation instructions and use proper installation materials to minimize acoustic impact.
- Refer to complete installation instructions for additional information or contact our Tech Line at 562-728-5774



CEILING CONSTRUCTION



- EXTERIOR
- VAPOR BARRIER
R 11 MINIMUM
- INTERIOR

WALL CONSTRUCTION



- EXTERIOR
- VAPOR BARRIER
R 11 MINIMUM
- INTERIOR